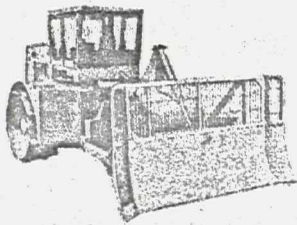
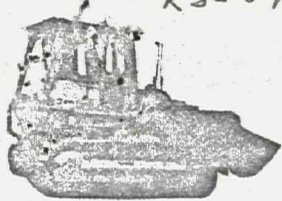


RS-8410-01

IL-0043-20



EPA Region 5 Records Ctr.



360909

## Triem Industrial Building Operations

26th & State Street - P. O. Box 578 - Chicago Heights, Illinois 60411

Phone:  
Area 312 757-6060  
Chicago: 468-9326  
Beecher: 946-2554

December 14, 1977

Mr. Thomas Cavanaugh  
Permit Section  
Division of Land Pollution Control  
Illinois Environmental Protection Agency  
2200 Churchill  
Springfield, Ill. 62706

**RECEIVED**

DEC 14 1977

ILL. E.P.A. - D.L.P.C.  
STATE OF ILLINOIS

Re: Chicago Heights/Triem  
Cook County  
Site Inventory #03104505  
Permit #1972-5

Dear Mr. Cavanaugh:

This letter is to confirm that we have been going through a closing procedure at the above subject landfill site.

In order to try to speed up this closing procedure we discontinued taking in refuse at this site on May 28, 1977. Therefore, this should be recognized as the official closing procedure date of the three years required by the Environmental Protection Agency for surveillance of the site and monitoring the water on a quarterly basis.

We are still hauling in clay and grading same when weather permits in order to acquire the proper grades and contour of the site so when completed we will have a proper watershed and run-off. We have a considerable amount of black dirt hauled and stock piled at the present time. We are also hauling additional black dirt and stock piling it, which we will spread and we plan to seed the entire area as soon as weather permits this coming spring.

We are enclosing a Plat of Survey prepared by our engineers, Joseph A. Schudt & Associates, so we will have a well-planned and workable closed site when we have completed covering and spreading clay evenly to the required amount, after which we will spread the black dirt, harrow and seed it next spring.

You will note on this Plat of Survey that we have provided a total of nine methane burners. The first two burners we installed with our own men and equipment. The remaining seven burners were installed by Walter H. Flood Company, Engineers. Enclosed are copies of their borings outlining what they encountered and the

SERVING NORTH WILL COUNTY AND SOUTH COOK COUNTY COMMUNITIES ON REFUSE DISPOSAL SINCE 1929

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Mr. Thomas Cavanaugh

December 14, 1977

total depth of borings. We have designed these burners and heads; burners 8 and 9 are the first two we designed and we have since improved on them by installing the new improved head with control valve and we sealed the top part of the burners to a depth of approximately four feet with tampered clay and bentonite seal. Burners 1 through 7 are of the more improved type, however, all are burning off the methane very excellently.

Also enclosed is a copy of a rough sketch we designed for our maintenance steel fabricators, from which to make these burner heads. We also furnished this sketch and pictures of the burners to our engineers, which they approved and included in the engineered drawings. The reason the 1-inch T. is provided and plugged is we planned instead of just burning off the methane we could close the valve, remove the plug and pipe the methane from the various wells to one larger pipe where we can run it through filters and scrubbers to clean and burn it in some of our plant operations to conserve natural gas energy.

We are also enclosing several pictures of the burners and the steel shields, which measure 4 ft. x 4 ft. x 6 ft. tall, which we have built around them. The words, "DANGER - HOT", are printed on them to protect trespassers from burning themselves, however, these shields seldom get that hot because the way the burner is designed most of the heat goes straight into the air and the sides are almost cool enough to touch at all times, unless the wind should blow strong from one direction and blow the flame against the opposite side.

We have tried unsuccessfully to obtain a special permit from the C. & E. I. Railroad to install a water monitor well downgrade from our property, which would be to the west, and have had several unsuccessful meetings with them to agree to let us do this. A copy of their reply to our request is enclosed. We have also tried the same procedure with the Bloom Sanitary District who owns a 30 ft. easement just to the west of the railroad. Our request to them was also denied, as you can see by the enclosed copy of a letter received from them.

We do have a well on our site located approximately in the center and just to the south of our completed landfill, which is indicated by our engineers on the Plat of Survey. We had been using this well for our operations in our steel plant but since it was high in iron content it gave us trouble in some of our operations, so we made an agreement with the Village of South Chicago Heights that we would share our proportionate amount of the cost to extend their water line to our steel plant and we were able to obtain their very high quality water. We plan to use this well for monitoring for as long as it is required for us to do so. We have had the water from this well analyzed by Trace Elements Inc. A copy of their report is enclosed.

Mr. Thomas Cavanaugh

December 14, 1977

Per my phone conversation with you, we are required to file a regular report on the analysis of this well on a quarterly basis. This we are willing to do.

We hope this closing procedure plan meets with your approval.

Yours very truly,

TRIEM INDUSTRIAL BUILDING OPERATIONS

  
Leonard C. Triem

LCT:bp

Encls.

cc: Mr. Joseph Petrilli  
Northern Region Manager